

**BY ORDER OF THE COMMANDER
46TH TEST WING**

46TH TEST WING INSTRUCTION 33-102

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Communications And Information

RANGE REPORT

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFPD 33-1, *Command, Control, Communications and Computer (C4) Systems*, and establishes the use of 46 TW Form 63, *46th Test Wing Range Report*. It is applicable to mission support sites, ranges, test areas, or facilities responsible for collecting and recording test mission data. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF 847s from the field through 46 TW publications/forms managers. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://www.my.af.mil/afrims/afrims/afrims/rims.cfm>. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF CHANGES

This document has been revised to change all references from 96 CS/SCW to 46th Range Control (46 RNC).

1. Purpose. 46 TW Form 63 shall be used by mission support activities to record events of each mission, such as mission operations, and pre-mission and post-mission calibrations. Information recorded on the form may be used by the 46 RNC to process/reduce collected/recorded test mission data.

2. Preparation of 46 TW Form 63. When test mission data is collected/recorded, a copy of 46 TW Form 63 shall be prepared. 46 TW Form 63 shall be clearly marked with applicable security and downgrading instructions. As appropriate, a copy may be provided to 46 RNC test mission support personnel along with collected/recorded data. A copy of 46 TW Form 63 shall be retained by the site, range, test area, or facility preparing 46 TW Form 63. The 46 TW Form 63 shall be completed as follows:

2.1. Page ___ of ___ Pages. Enter the page number in the first blank space and the total number of pages in the collective report in the second blank space.

2.2. Block 1, Mission Date. Enter the date of the mission. Write the date in the YYYYMMDD format (e.g., 00000101). Enter on continuation page also.

2.3. Block 2, Mission Number. Enter the assigned mission number as indicated in the 46 TW Daily Operations Order.

2.4. Block 3, Project Number. Enter the 8-character project number assigned to the test project. In the event of two project numbers, enter both project numbers with the project of the primary interest entered first (e.g., 324ABZ17/ARMDVX01). Enter on continuation page also.

2.5. Block 4, Supported (Time). Enter the overall time utilized to support this mission, including pre-mission preparation time, test time, delays, and post-mission activity. In the case of boats, aircraft, and the inter-range support group, the time spent in going to and returning from the assigned area of support shall be included in the pre-mission and post-mission support time, respectively.

2.6. Block 5, Site/Equipment Location. Enter the site, range, test area, or facility at which the report is being prepared (e.g., Test Site A-20 (TSA20), Test Site A-6 (TSA6), Test Site D-3 (TSD3), Central Control Facility (CCF), etc.). Enter on continuation page also.

2.7. Block 6, Position. Description of site (e.g. Primary data or Secondary data).

2.8. Block 7, Instrument. Enter the type of instrument (e.g. radar, theodolite, telemetry, or camera). Include any unique instrument identifier e.g. serial number as appropriate. Enter on continuation page also.

2.9. Block 8, Pad Number. Enter the pad number of the tracking radar, theodolite, or other.

2.10. Block 9, Media Number. When applicable, enter one or more media identification numbers used to record the data.

2.11. Block 10, Item Tracked. Enter item tracked (e.g. tail number, if aircraft).

2.12. Block 11, Tracking Mode. Enter "SKIN," "BCN," or "BOTH" to indicate the type of tracking during the mission.

2.13. Block 12, Other. Enter other pertinent information (e.g., mode of operation or boresight data).

2.14. Block 13, Operator. Enter printed name of operator.

2.15. Block 14, Data Concerning Mission Operations, Including Pre-mission and Post-mission Calibrations. Complete columns as follows (enter on continuation page also):

2.15.1. Run Number (A). Enter run or pass numbers.

2.15.2. Time (B). Enter start and stop time in time format of the run or activity (e.g. calibration, boreshot, run data, etc.).

2.15.3. Remarks (C). As appropriate, on the first line enter the specific piece of data-gathering equipment that this report covers (e.g., mobile communications center, plotting board position, camera position and type, brush recorder, tape recorder, etc.). The remainder of the remarks section shall be a narrative log of the following: time and events, including such information as boreshot, equipment operation (including malfunctions), specific equipment on which report is being rendered, power failures, radar pad numbers, object being tracked, designation of what target a facility is boresighting on, and the value of any associated beacon delay. Also, record any other information that may assist the 46 RNC Test Support Manager (TSM) or project officer in making an evaluation of the data. When making remarks about the mission, columns A and B can be used, if necessary. If the data runs continuously throughout the mission, but the run number is changed during the mission, give the start time for the change of run number in column B under Start. Always number runs consecutively (e.g. one through total number of runs). At the end of the remarks, the operator shall sign the 46 TW Form 63.

3. Forms Prescribed.

46 TW Form 63, *46th Test Wing Range Report*.

4. Forms Adopted.

AF Form 847, *Recommendation for Change of Publication*.

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Commander